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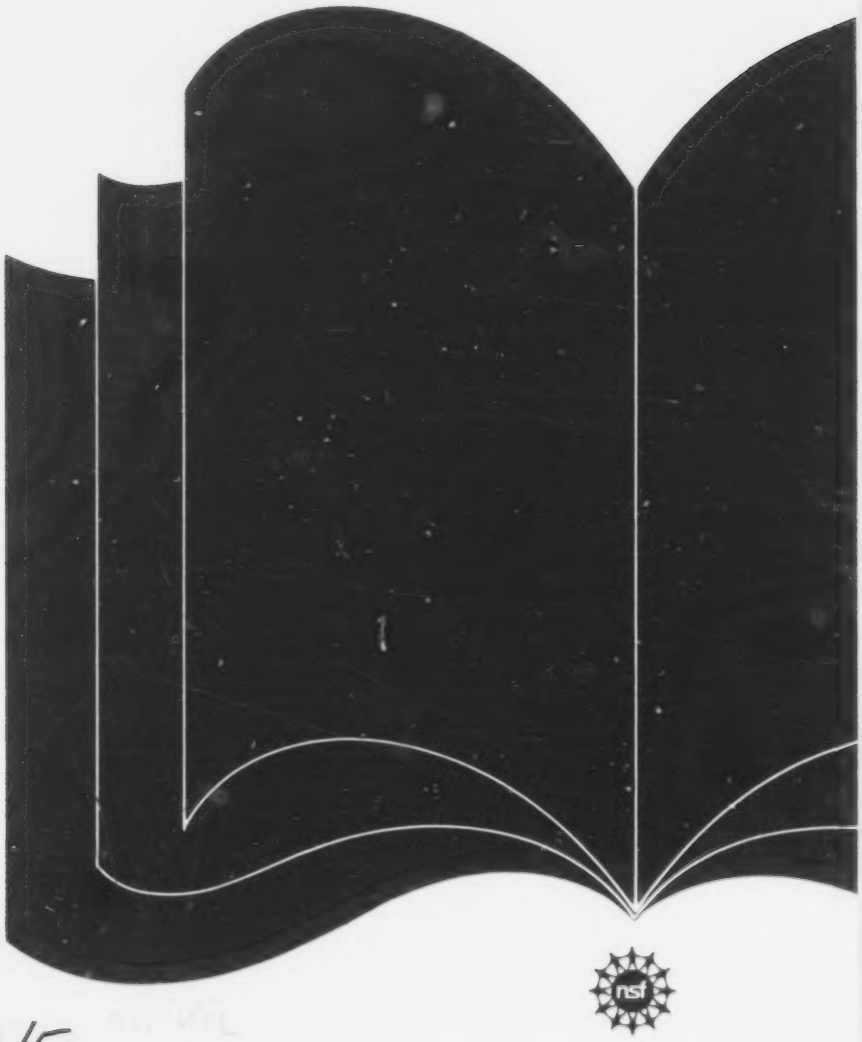

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Research findings and results of studies supported by NSF are generally published in scientific journals or as reports prepared by the grantee institutions for NSF. These technical reports (and a few general publications as well) are sold by the National Technical Information Service (NTIS), 5285 Port Royal Rd., Springfield, Virginia 22161, 703-487-4650. For information on the price and availability of these reports, contact NTIS.

Other Publications

This booklet lists administrative and statistical publications issued by the National Science Foundation and currently in the inventory of NSF or the Government Printing Office (and in a few cases, NTIS). The first two digits of the publication number indicate the year of publication. If ordering from NTIS, be sure to give the PB number.

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Publications marked with the acronym "GPO" should be ordered from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402, 202-783-3238. Prices are subject to change, and those charged on orders may differ from the prices listed here. If not shown, price information was not available when this list was compiled.

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1981	NSF 82-9	$ 6.50	GPO
Basic Research: The Key to Economic Competitiveness (booklet)	NSF 86-21	Free	NSF
Director's Statement from FY 1984 National Science Foundation Annual Report	NSF 85-37	Free	NSF
Five-Year Outlook on Science and Technology (1983)	NSF 83-15	—	GPO
Grants for Research and Education in Science and Engineering (formerly Grants for Scientific and Engineering Research): Guidelines and instructions for submitting proposals	NSF 83-57	Free	NSF
Guide to National Science Foundation Programs, FY 1986	NSF 85-40	$ 3.50	GPO
Mosaic (A magazine published 4 times yearly containing articles of particular interest to the scientific and educational communities served by NSF)	—	—	GPO
National Science Foundation Annual Report (Available in the summer of each year covering the activities of the previous fiscal year):			
FY 1983	NSF 84-1	$ 7.50	GPO
FY 1984	NSF 85-1	$ 6.00	GPO
FY 1985	NSF 86-1	—	GPO

National Science Foundation *Bulletin*, monthly publication (except July and August) which provides current news about programs, deadlines, meetings, staff changes, new publications, etc.	—	Free	NSF
National Science Foundation Films (Description and availability of NSF-produced science films)	NSF 84-32	Free	NSF
National Science Foundation Grants and Awards FY 1983 (Last year published)	NSF 84-2	$ 7.50	GPO
NSF Grant Policy Manual (Compendium of basic NSF grant policies and procedures)	NSF 77-47 Rev. 4/83	$13.00 per year	GPO
A Patron for Pure Science: The National Science Foundation's Formative Years, 1945-57 (available from NTIS)	PB 83-193888 (hardback); PB 83-193896 (paperback)	—	NTIS
Publications of the National Science Foundation	NSF 86-18	Free	NSF
Summaries of Projects Completed, National Science Foundation (Available only as microfiche from NTIS, through FY 1983)			
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Program Announcement for the Office of Advanced Scientific Computing	NSF 84-84	Free	NSF/CISE
Research Opportunities in Information Science and Technology	NSF 82-63	Free	NSF/CISE
Special Research Initiation Awards for New Investigators in Information Science (Program Announcement)	NSF 81-69	Free	NSF/CISE
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Annotated Bibliography 1973-1977, Division of Science Information (Available from the National Technical Information Service)	PB-298866	—	NTIS
Summary of Awards, FY 1985, Computer Research	NSF 85-63	Free	NSF/CISE
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Reports

A Comprehensive Approach to the National Science Foundation Support for Human Origins Research, February 1979	NSF 79-33	Free	NSF/Anthro.
Behavioral and Neural Sciences Program Report (April 1981)	NSF 81-38	Free	NSF
Division of Social and Economic Science Grant List (all fiscal years available)	—	Free	NSF/SES
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Systematic Collections in Anthropology: An Irreplaceable National Resource (1977)	None	Free	NSF/Anthro.
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Reports			
Antarctic Annual Report	None	$10.00 ($12.50 foreign)	GPO

Antarctic Bibliography (A series of compilations presenting abstracts and indexes of current Antarctic literature published worldwide since 1962. A flyer describing the bibliography and the monthly printout of Current Antarctic Literature may be obtained from Polar Information Program, National Science Foundation, Washington, D.C. 20550.)	——	——	——
Antarctic Conservation Act of 1978, Public Law 95-54 (Available from Polar Information Program)	None	Free	——
Antarctic Journal of the United States (Published Quarterly)	——	——	GPO
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GEOSECS Atlantic Expedition, Vol. 1, Hydrographic Data	None	$34.00	GPO
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GEOSECS Atlantic Expedition Atlases, Vols. 1 & 2 (1980, 1981)	None	$31.00, $34.00	GPO
GEOSECS Pacific Expedition Atlases, Vol. 4 (1982)	None	$39.00	GPO
GEOSECS Indian Ocean Expedition, Vol. 5 (Statistical Issue)	None	$17.00	GPO
GEOSECS Indian Ocean Expedition Atlas, Vol. 6	None	$36.00	GPO
Initial reports of the Deep Sea Drilling Project (70 volumes have been published and are available from the U.S. Government Printing Office. For a complete listing of titles, identification numbers, and prices, write to the Superintendent of Documents, U.S. Government Printing Office, Washington, D.C. 20402)			
NSF Arctic Research, Fiscal Year 1985 (Available from Polar Information Program, National Science Foundation, Washington, D.C. 20550)	NSF 86-8	Free	——
Report of Ad Hoc Advisory Group on Continental Drilling	NSF 84-85	Free	NSF

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College Science Instrumentation Program 1985 Awards	In press	Free	NSF
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National Science Foundation Directory of NSF-Supported Teacher Enhancement Projects	NSF 86-24	Free	NSF
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Reports of 3 Complementary Studies on the Status of Precollege Science, Mathematics, and Social Studies:*			
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Reports

Cooperative Science: A National Study of University and Industry Researchers; Assessment of the Industry/University Cooperative Research Projects Program, Volume I	NSF 84-39B	Free	NSF
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International Programs Report (1981)	NSF 81-59	$3.25	GPO
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Science Resources Studies (SRS)

Reports based on science resources surveys are developed in three stages: Science Resources Studies Highlights, Detailed Statistical Tables, and full Final Reports. The publications that are available from NSF are free of charge.

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**Academic Science/Engineering: Graduate Enrollment and Support Fall 1984	86-303	—	None	Free	NSF
**Academic Science/Engineering: R&D Funds Fiscal Year 1984	86-302	—	None	Free	NSF
Academic Science/Engineering: R&D Funds, Federal Support; Scientists and Engineers, and Graduate Enrollment and Support 1972-83	None	None	84-322	Free	NSF
**Academic Science/Engineering: Scientists and Engineers January 1984	85-316	85-317	None	Free	NSF
**Characteristics of Doctoral Scientists and Engineers in the United States 1983	85-301	85-303	None	Free	NSF

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** Recurring reports.

**Characteristics of Recent Science/Engineering Graduates 1984	85-334	—	None	Free	NSF
A Comparative Analysis of Information on National Industrial R&D Expenditures	None	None	85-311	—	NSF
Comparison of S/T Personnel Trends in the United States, France, West Germany, and the United Kingdom since 1970	None	None	84-335	Free	NSF
**Federal Funds for Research and Development Fiscal Years 1983, 1984, and 1985, Volume XXXIII	None	84-336	None	—	NSF
Federal R&D Funding by Budget Function Fiscal Years 1985-87	85-322	None	86-306	Free	NSF
Federal R&D Funding for Energy, Fiscal Years 1971-84	None	None	83-301	Free	NSF
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Foreign Citizens in U.S. Science and Engineering: History Status, and Outlook	None	None	86-305	Free	NSF
A Guide to NSF Science/ Engineering Resources Data	None	None	84-301	Free	NSF
Immigrant Scientists and Engineers : 1982-84	None	85-326	None	Free	NSF
International Science and Technology Data Update	None	None	86-307	Free	NSF
**National Patterns of Science and Technology Resources 1986	85-331	None	In press	Free	NSF
1982 Postcensal Survey of Scientists and Engineers	None	84-330	None	Free	NSF
Participation of Foreign Citizens in U.S. Science and Engineering	None	None	85-315	Free	NSF

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Projected Response of the Science, Engineering, and Technical Labor Market to Defense and Nondefense Needs: 1982-87	83-307	None	84-304	Free	NSF
**Research and Development in Industry 1983	85-318	—	None	Free	NSF
Resources Supporting Scientific and Engineering Activities at Historically Black Colleges and Universities	None	None	84-332	Free	NSF
Science and Engineering Doctorates: 1960-85	86-308	—	—	Free	NSF
**Science and Engineering Personnel: A National Overview	None	None	85-302	Free	NSF
Science and Technology Data Book	None	None	85-323	Free	NSF
The Science and Technology Resources of West Germany	None	—	86-310	Free	NSF
Scientists, Engineers, and Technicians in Trade and Regulated Industries	None	84-320	84-323	Free	NSF
**Scientists, Engineers, and Technicians in Manufacturing Industries: 1983	None	85-328	None	Free	NSF
Trends to 1983 in Industrial Basic Research	None	None	83-302	$3.50	GPO
Trends in Small Companies' R&D Expenditures	None	None	84-325	Free	NSF
**U.S. Scientists and Engineers 1982, Vol. 2	None	—	85-307	—	NSF
Vol. 1	84-319	—	84-321	—	NSF
**Women and Minorities in Science and Engineering	None	None	86-301	Free	NSF

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"All Fields Share in 3% Growth in Academic S/E Employment"	85-317
"Companies Plan Increases in R&D Spending Through 1984"	85-329

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"Defense Major Factor Behind Expected 7% Real Increase in 1986 National R&D Expenditures" 85-331

"8% Real Growth Projected Annually for Academic R&D Expenditures through 1986" 86-302

"Federal Emphasis on Defense is Major Factor in 1983 Increase in Industrial R&D Performance" 85-318

"15% in Federal R&D Funds Proposed in 1986 Budget, Mostly for Defense 85-322

"Foreign Citizens Earned One-Fourth of U.S. Science/ Engineering Doctorates in 1984 86-308

"Graduate S/E Enrollment Shows Smallest Increase Since 1977" 86-303

"1983 Plant Biology Research Expenditures Totaled $200 Million and Were Concentrated in Land-Grant Institutions" 84-327

"No Change in Science and Engineering Student Quality Seen by 60% of Academic Officials: At Least 25% Perceive Improvement" 83-322

"Non-Federal Funding for Academic R&D Activities Increased at Faster Pace Than Federal Funding in Fiscal Year 1982" 84-307

"One-Fourth of Academic Research Equipment Classified Obsolete" 84-312

"Output of Science and Engineering Doctorates Stable in 1985, but Non-U.S. Citizens and Women Increase Their Shares of the Total" ..... In press

"Ph.D. Scientists and Engineers Shift to Industrial Employment and Related Activities" 85-301

"Projected Employment Scenarios Show Possible Shortages in Some Engineering and Computer Specialties" 83-307

"Science and Engineering Jobs Grew Twice as Fast as Overall U.S. Employment with Industry Taking the Lead" 84-319

"Science and Engineering (S/E) Graduates Find Increasing Opportunities for Employment in S/E Occupations" 85-334

"Scientific and Technical Employment in Manufacturing Reaches 1.5 million in 1985" 85-330

"Shortages Increase for Engineering Personnel in Industry 85-309

"Survey of 300 U.S. Firms Finds One-Half Employ Foreign Scientists and Engineers" 85-336

"Universities Report Research Equipment Shortages are Most Severe in the Physical Sciences and Engineering" 85-320

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